Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102616\
Data File : BG024516.D
Acq On : 26 Oct 2016 17:34
Operator : UM/SJ
Sample : H5408-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Time: Oct 26 18:12:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	122810	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	449672	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	339067	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	751838	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1069851	20.00	ng	0.00
86) Perylene-d12	25.34	264	1131462	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	137652	18.37	ng	0.00
7) Phenol-d6	7.40	99	136291	13.26	ng	0.00
23) Nitrobenzene-d5	9.45	82	922836	93.44	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	264461	52.21	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1828970	89.66	ng	0.00
78) Terphenyl-d14	20.21	244	3082745	86.10	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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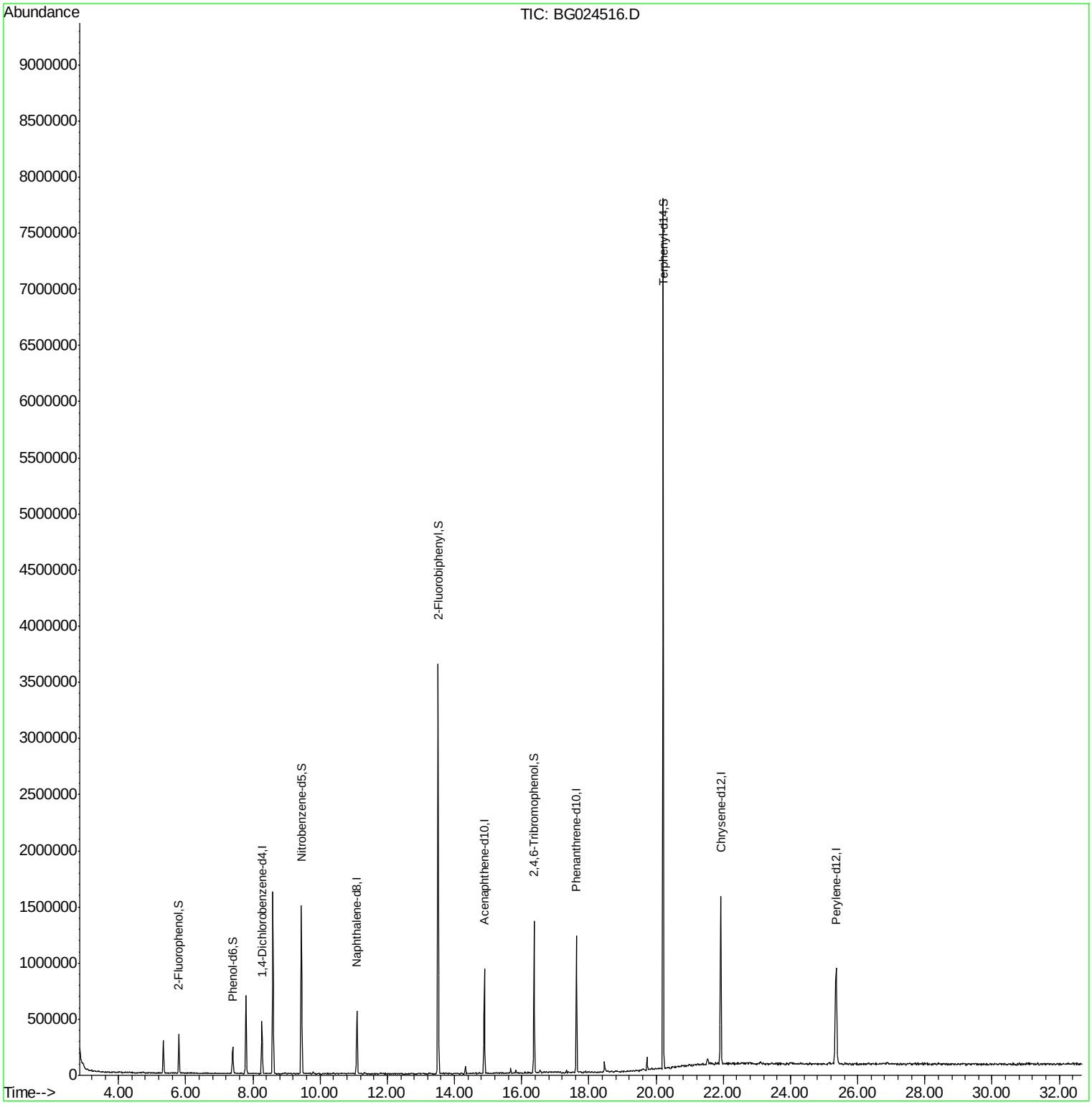
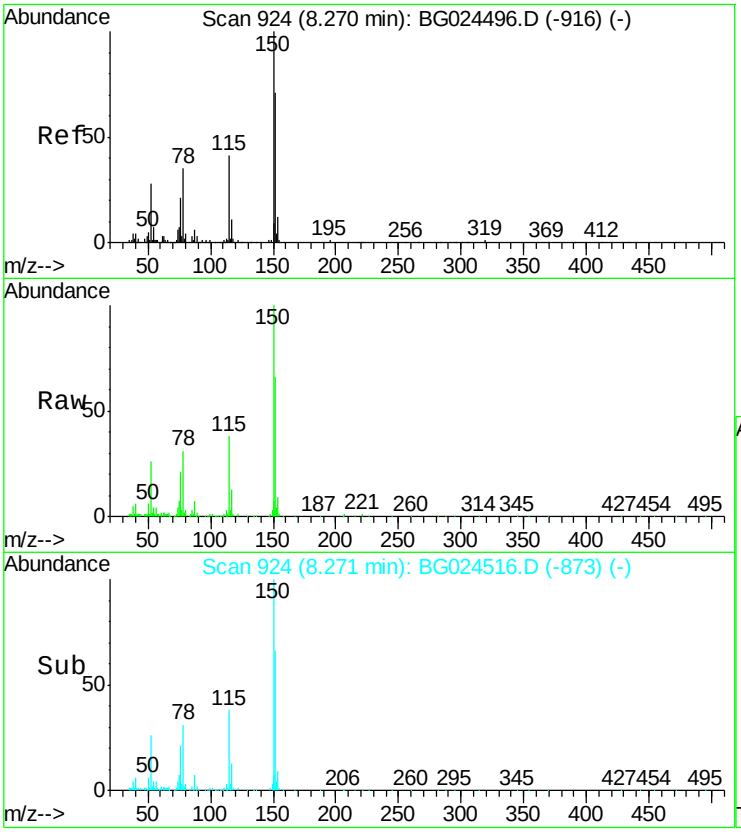


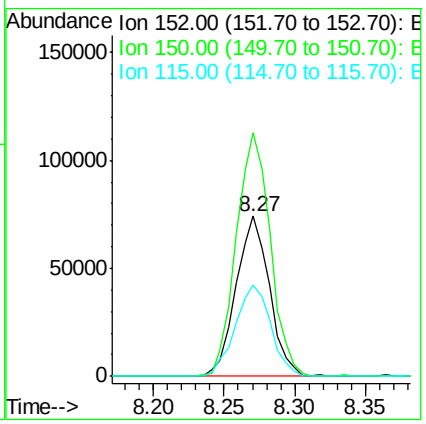


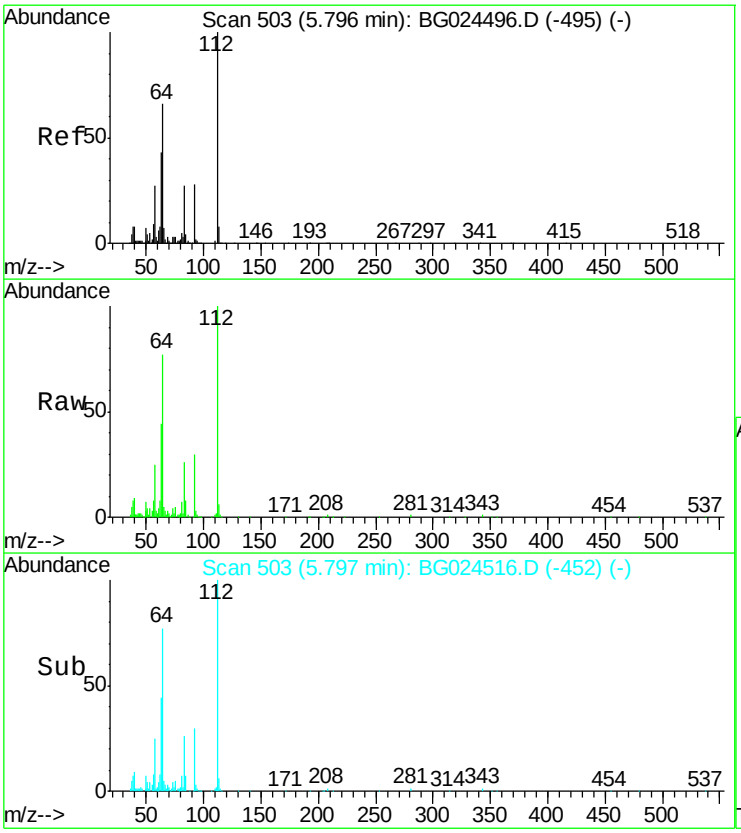
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 122810

Ion	Ratio	Lower	Upper
152	100		
150	152.1	114.0	171.0
115	57.1	48.1	72.1

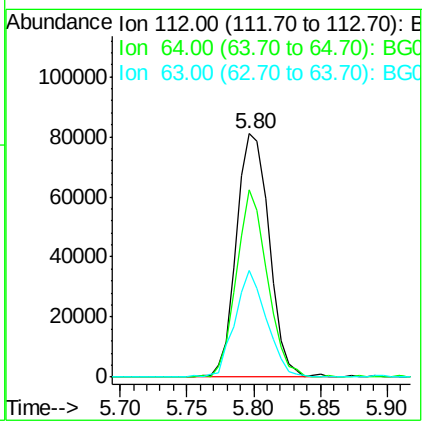


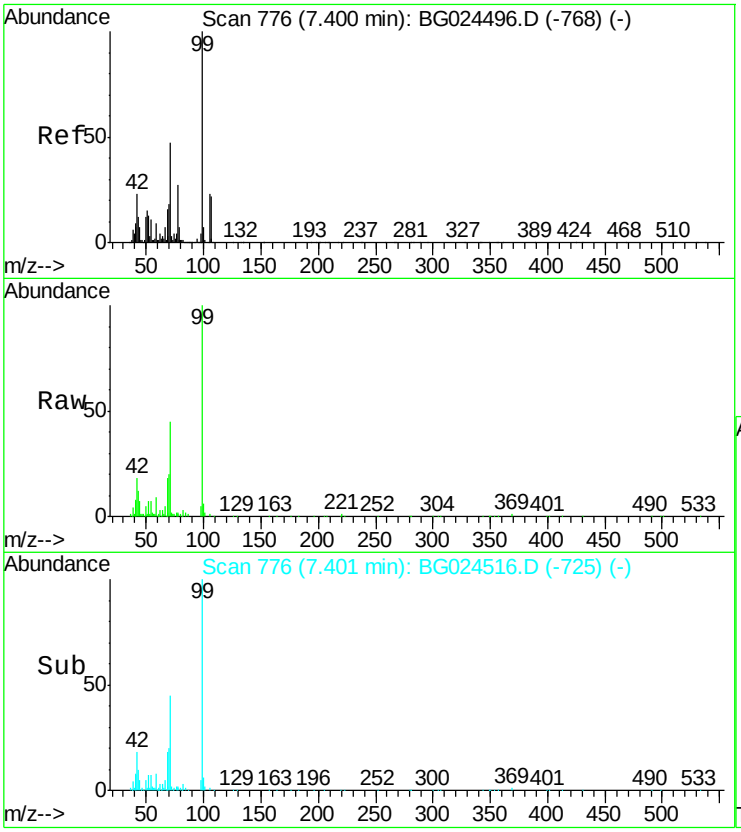


#5
2-Fluorophenol
Concen: 18.37 ng
RT: 5.80 min Scan# 503
Delta R.T. 0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Tgt Ion:112 Resp: 137652

Ion	Ratio	Lower	Upper
112	100		
64	76.7	61.8	92.6
63	43.7	37.2	55.8



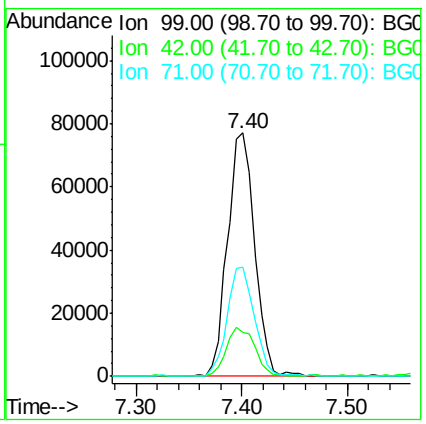


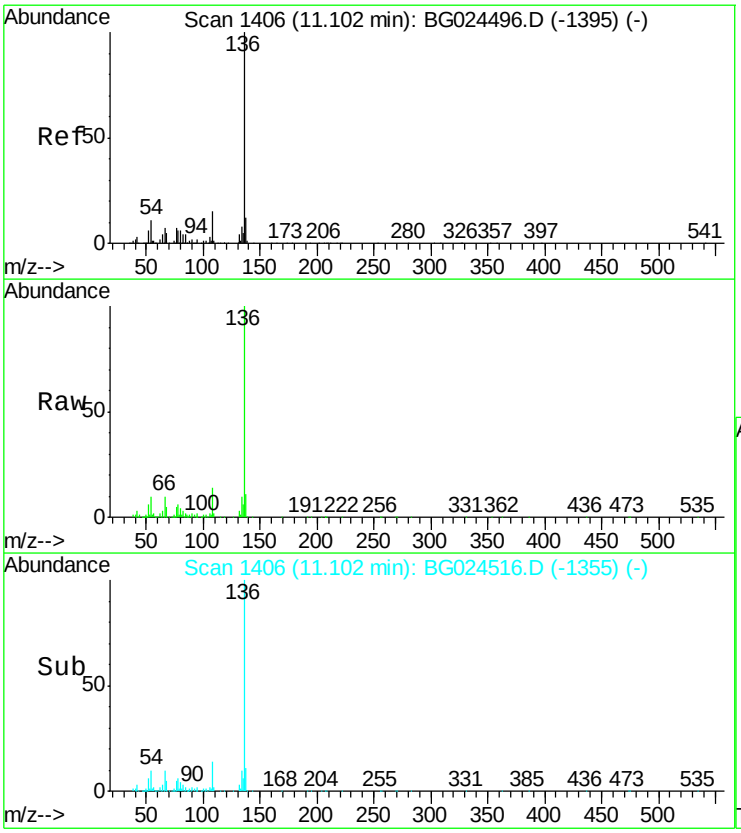
#7
Phenol-d6
Concen: 13.26 ng
RT: 7.40 min Scan# 776
Delta R.T. 0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 136291

Ion	Ratio	Lower	Upper
99	100		
42	18.1	20.5	30.7#
71	45.1	37.6	56.4

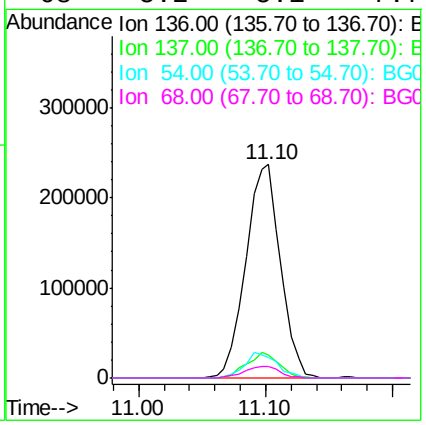


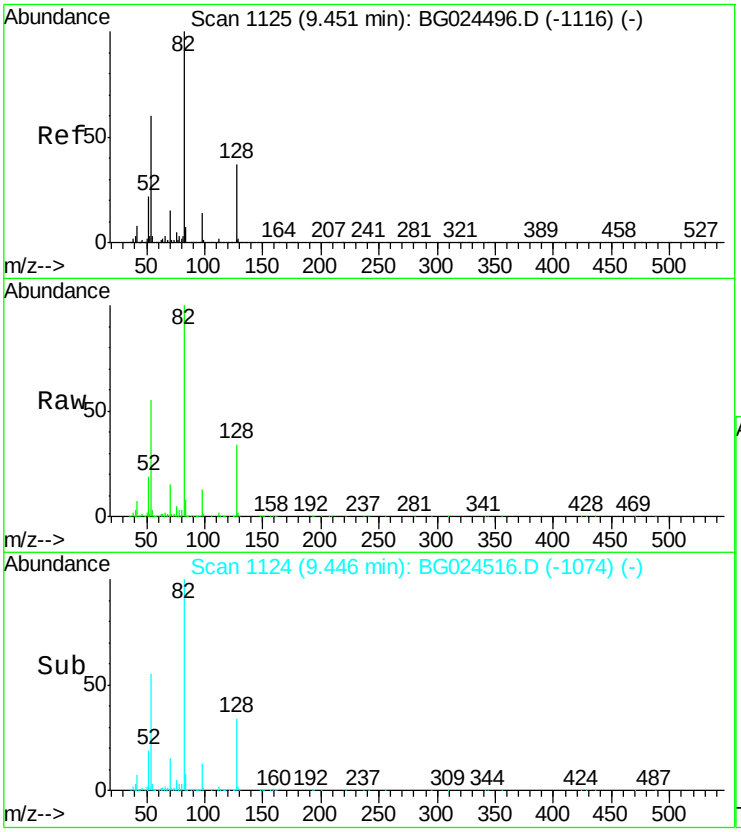


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Tgt Ion:136 Resp: 449672

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	9.3	13.9
68	5.2	5.1	7.7



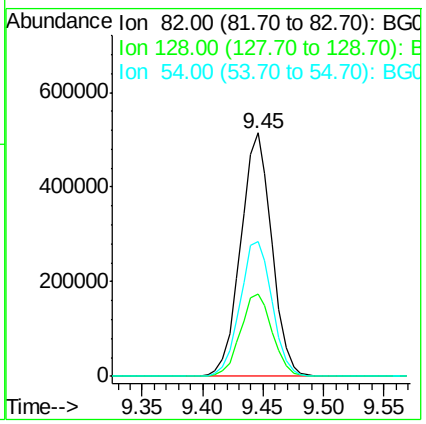


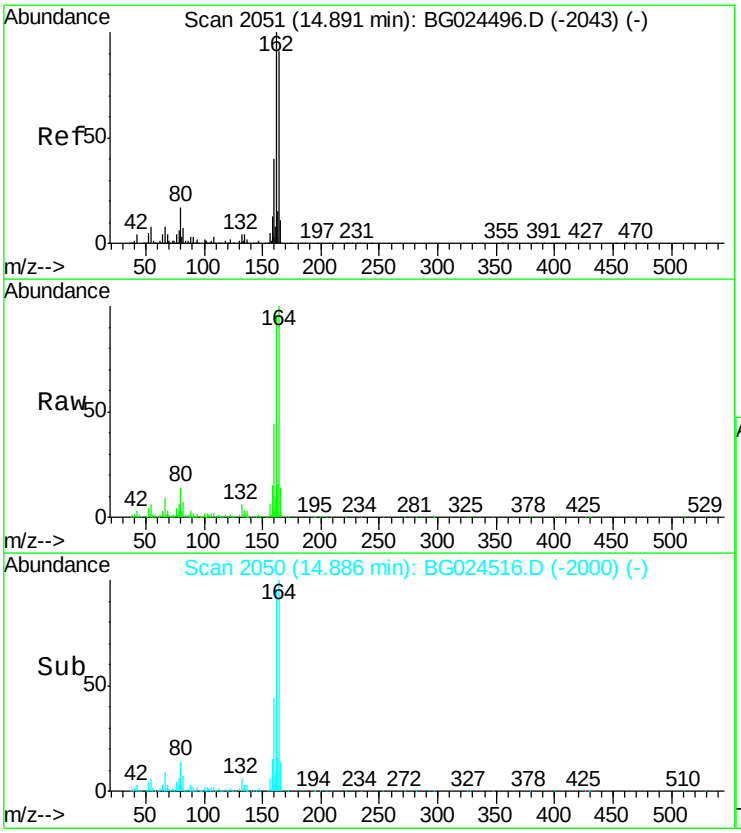
#23
Nitrobenzene-d5
Concen: 93.44 ng
RT: 9.45 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 922836

Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	55.5	49.4	74.2

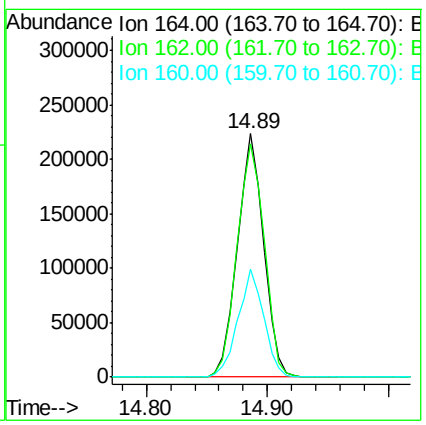


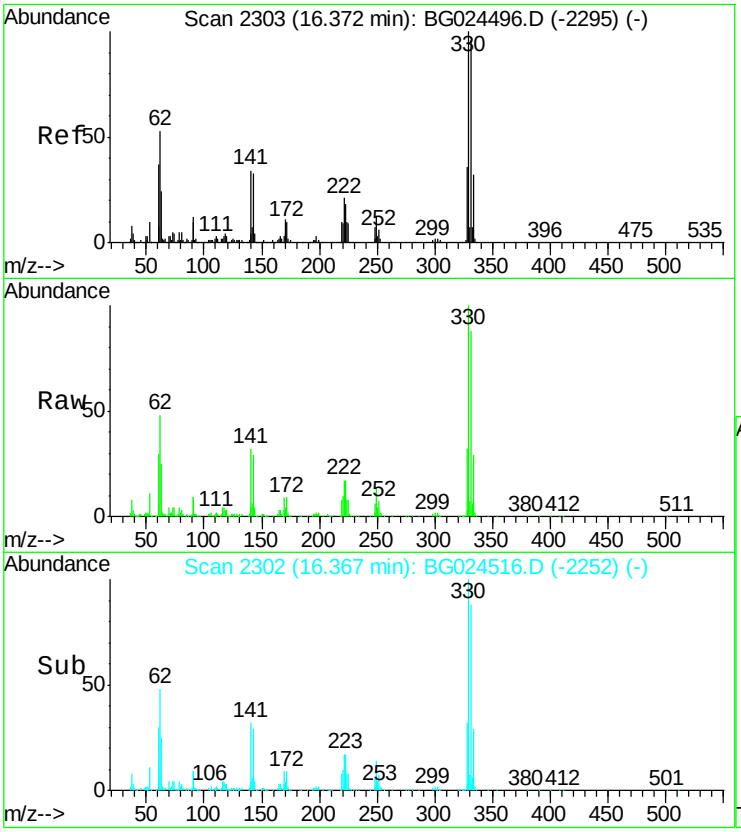


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Tgt Ion:164 Resp: 339067

Ion	Ratio	Lower	Upper
164	100		
162	95.7	85.1	127.7
160	44.1	34.7	52.1



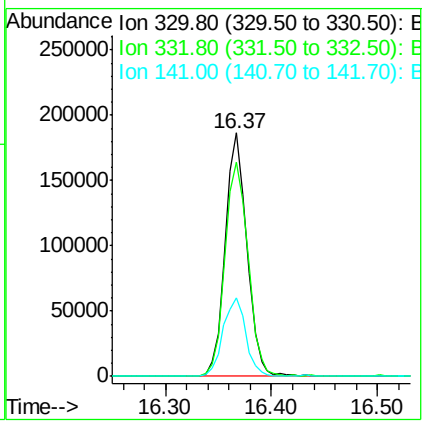


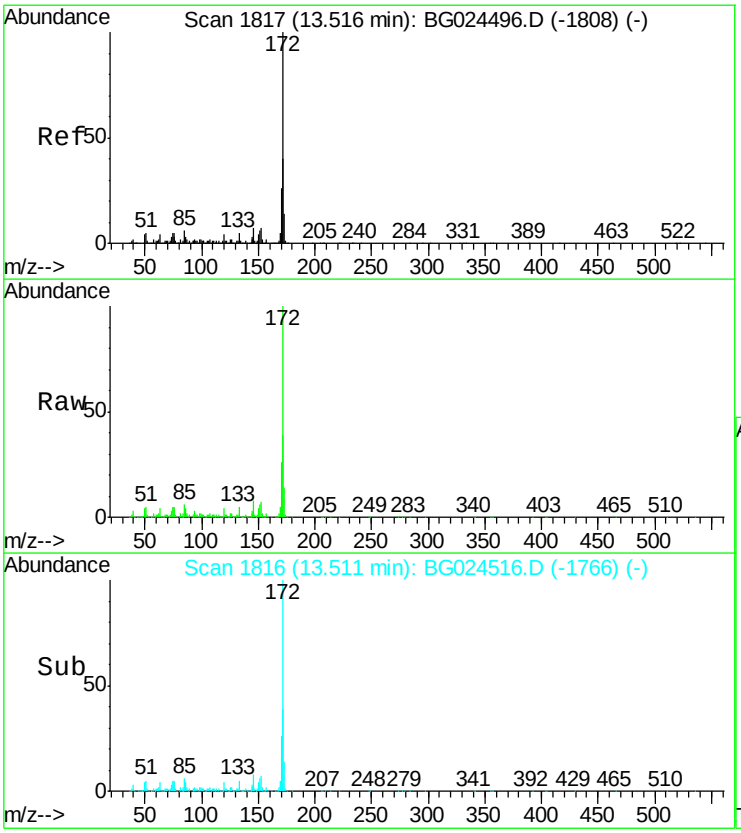
#41
2,4,6-Tribromophenol
Concen: 52.21 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 264461

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.3	115.9
141	33.7	32.1	48.1

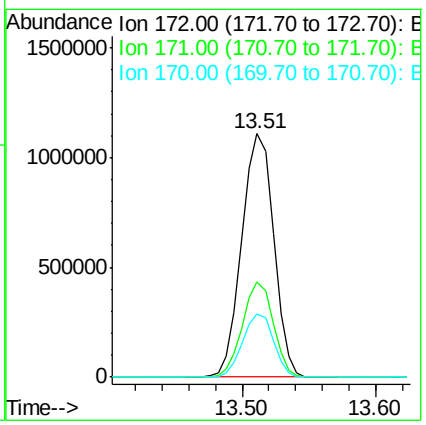


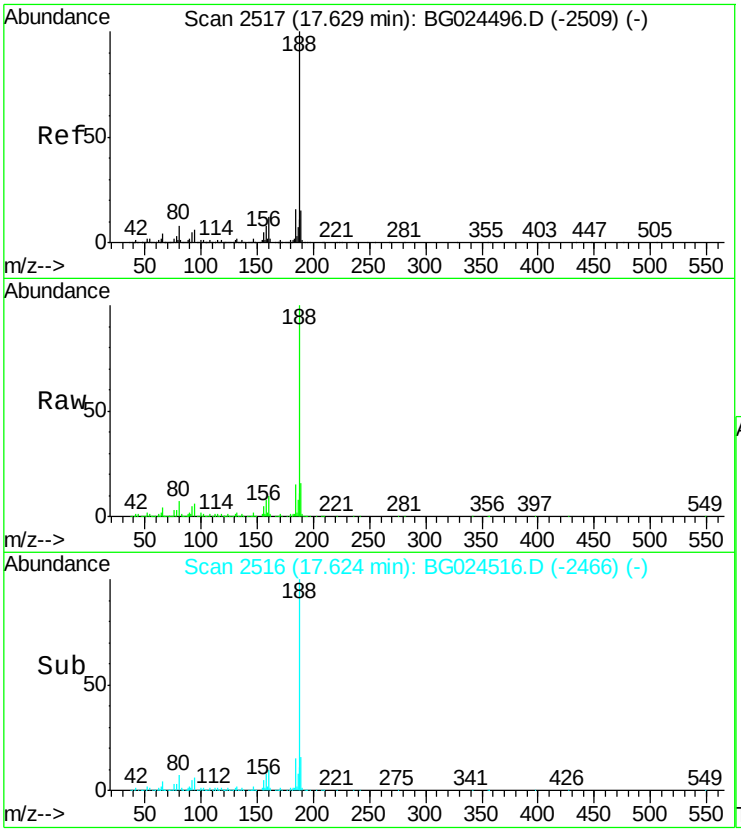


#44
2-Fluorobiphenyl
Concen: 89.66 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Tgt Ion:172 Resp: 1828970

Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.7	21.8	32.6



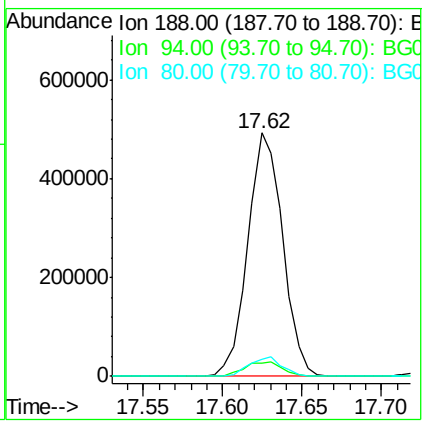


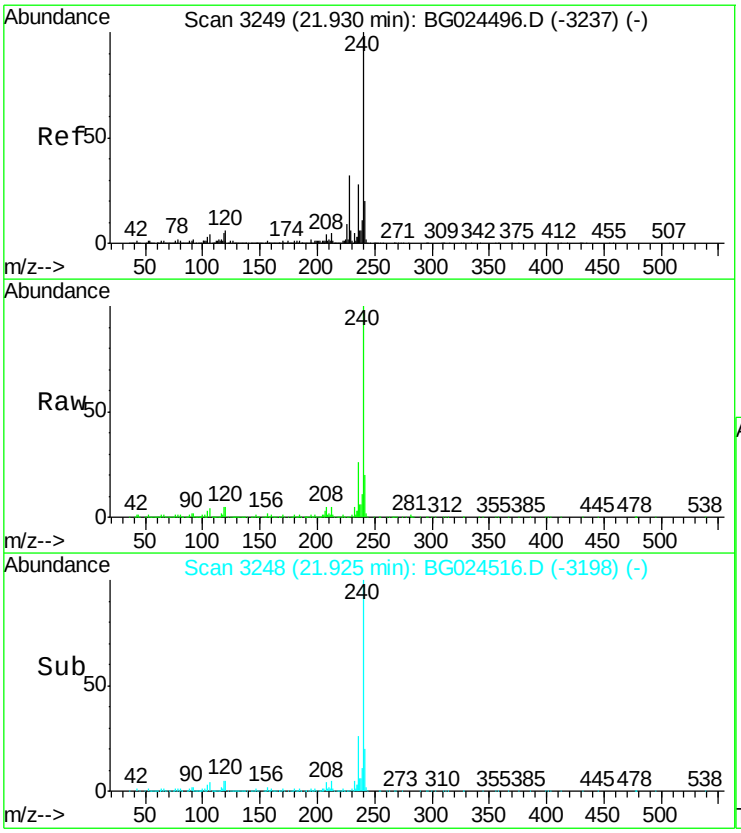
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 751838

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.8	8.8#
80	7.0	7.5	11.3#

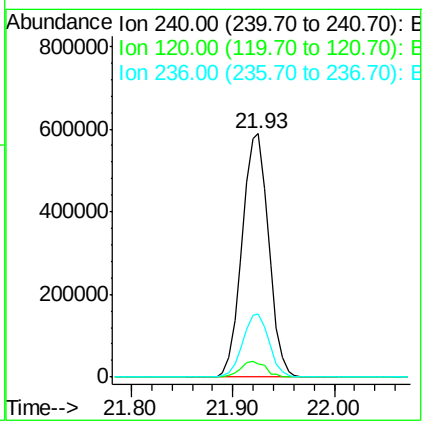


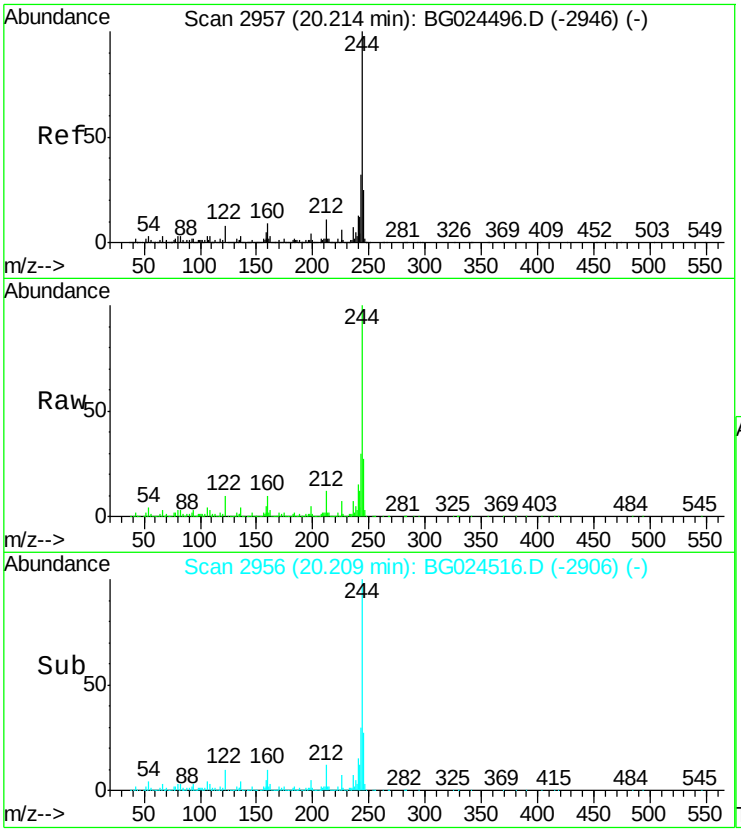


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Tgt Ion:240 Resp: 1069851

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	25.7	22.2	33.4



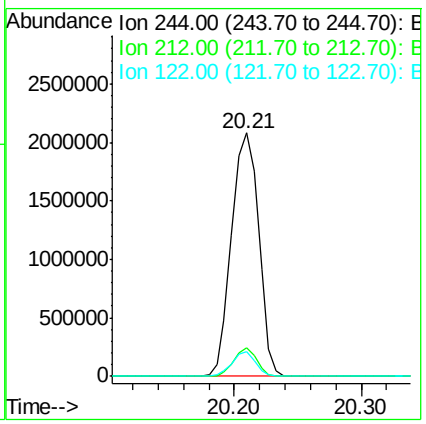


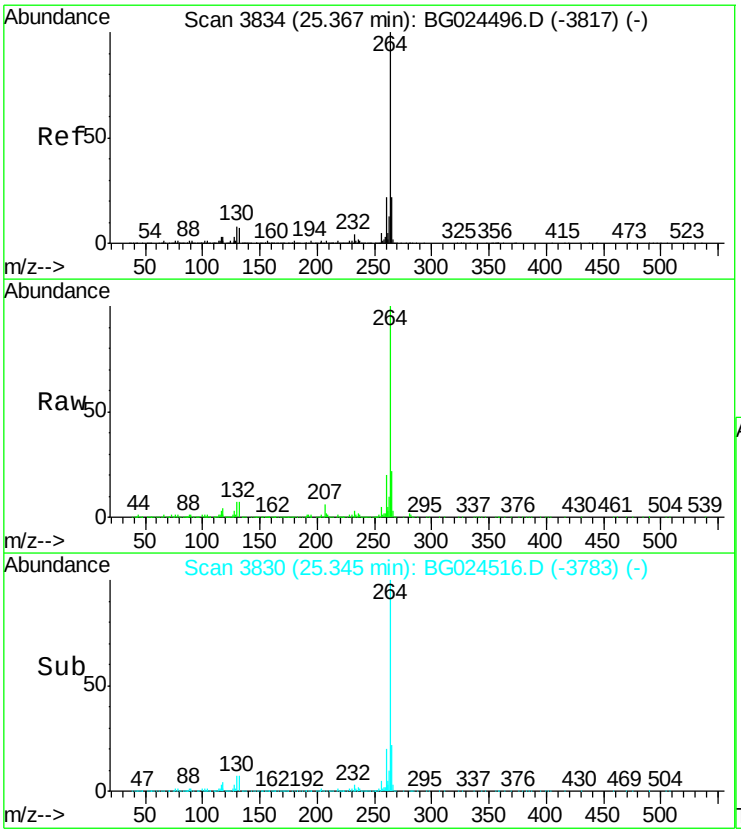
#78
Terphenyl-d14
Concen: 86.10 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 3082745

Ion	Ratio	Lower	Upper
244	100		
212	11.9	10.0	15.0
122	10.1	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024516.D
Acq: 26 Oct 2016 17:34

Tgt Ion:264 Resp: 1131462

Ion	Ratio	Lower	Upper
264	100		
260	20.2	21.8	32.8#
265	21.7	18.2	27.4